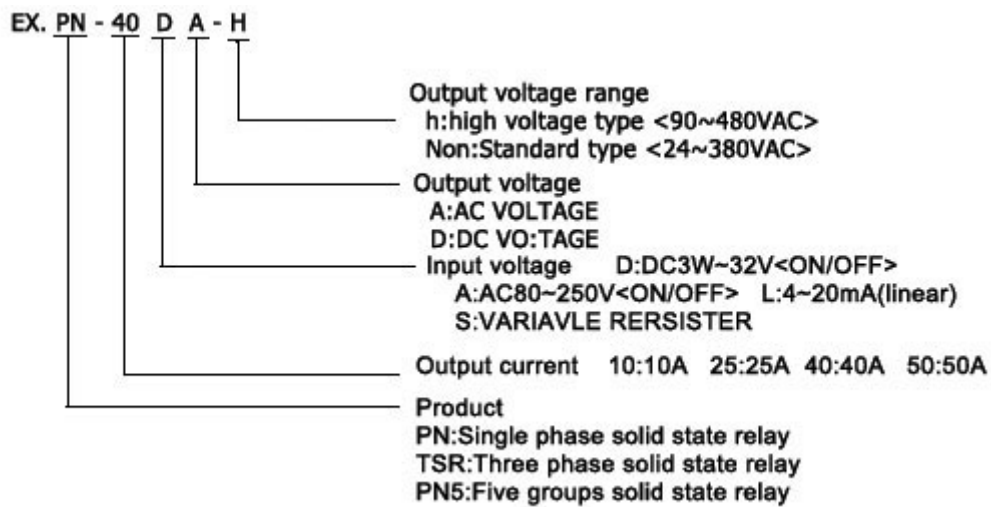


Application :

- High reliability by S.M.T & TQC.(Surface Mounting Technology)
- High Isolation over than 50MQ/500VDC
- High dielectric over than 2.5KV
- Low enable current less than 7.5mA/12VDC CMOSIC or TTL Compatible.
- Low EMI/EFI& surge by Zeero cross Trigger Method.
- High surge current duration,over 10 Times of rated current/one cycle.
- High surge voltage duration by snubber circuit.



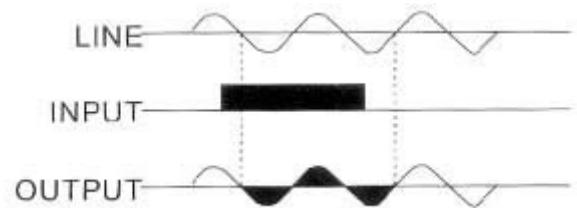
Guiding of Model :



Control Method :

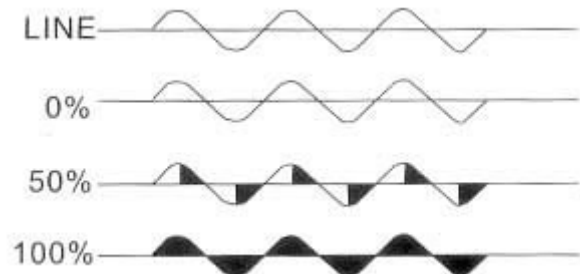
Zero Cross Trigger Method

Output TURN ON or TURN OFF only on zero cross point of sine wave,may avoid surge or EMI/RFI occurring.
 Specially suited to control resistive,capacitive and Non-saturated inductive loads

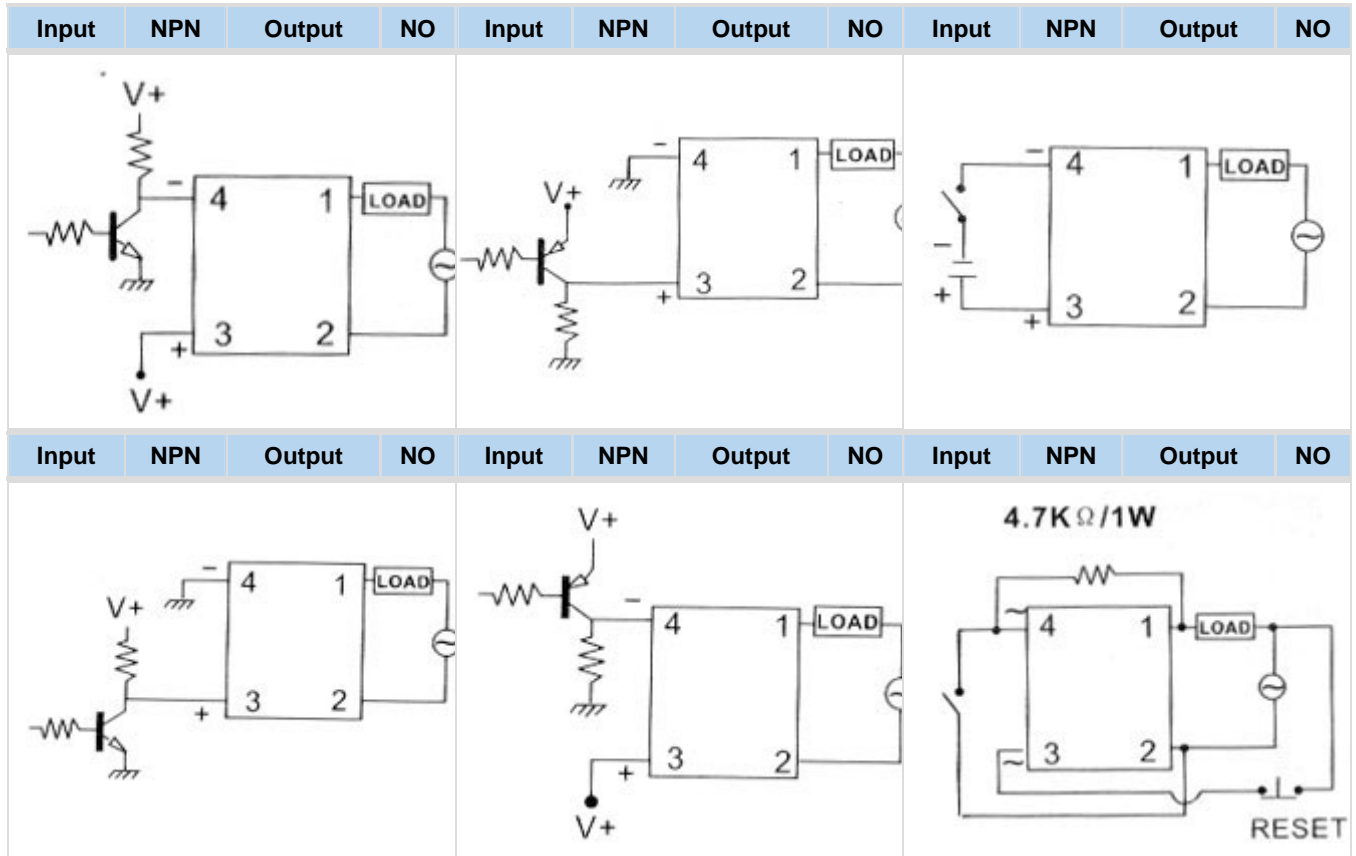


Variable resistance control method

Power output is controlled by the trigger angle of triac with variable resistor 250KQ/110VAC,500KQ/220VAC

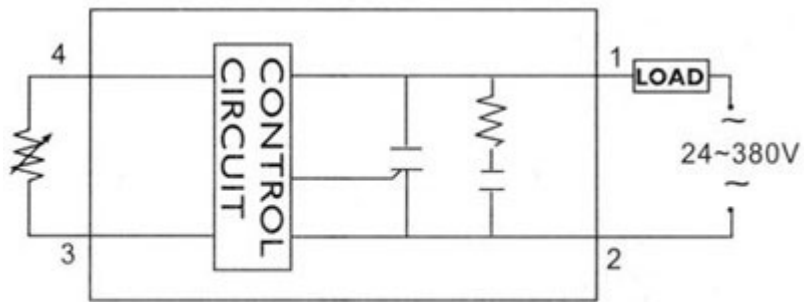
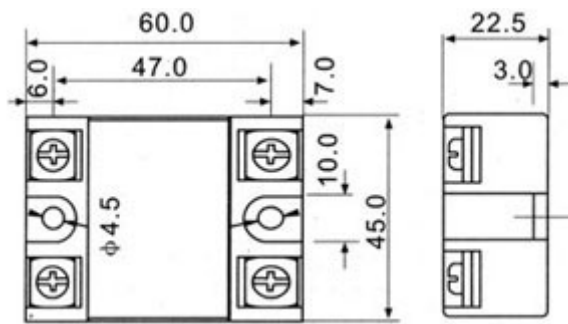


Application Hints :



Type	Standard type		
Model	PN-10SA	PN-25SA	PN-40SA
Rated load current	10A	25A	40A
Variable resistance	Trimmer/250 to 110V, 500K to 220V, M to 380V		
Control method	Phase control		
Operating voltage	24-380VAC		
Min. black voltage	600VAC		
Voltage drop	1.6V/25°C		
Max. durated current	135A	275A	410A
Leakage current	5.0mA	5.0mA	5.0mA
Response time	1ms		
Dielectric strength	Over 2.5KVAC/ 1min.		
Isolation strength	Over 50M/500VDC		
Operating temperature	-20°C ~ +80°C		
Housing Material	Intensive ABS		
Weight	105G		

Dimension and connection diagram :



VR:250KV Ω /110VAC, 500K Ω /220VAC